

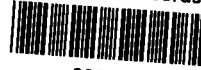


SECOR
INTERNATIONAL
INCORPORATED

WWW.SECOR.COM
446 Eisenhower Lane North
Lombard, IL 60148
630-792-1680 TEL
630-792-1691 FAX

July 2, 2004

EPA Region 5 Records Ctr.



303036

TO: Mr. Russell Hart, RPM
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

FROM: Mr. David Curnock, PM, SECOR International Incorporated

DMC FOR DMC

RE: **MONTHLY PROGRESS REPORT/MEMORANDUM**
Area 9/10 Remedial Design
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, Illinois

Copies: Mr. Thomas Turner, Regional Counsel, USEPA Region V
Mr. Scott Moyer, Hamilton Sundstrand/United Technologies Corporation
Ms. Kathleen McFadden, United Technologies Corporation
Mr. Thomas Williams, PM, IEPA
Mr. Terry Ayers, IEPA

CURRENT MONTH PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

With the field sampling activities associated with the Pre-Design Investigation (PDI) having been completed during the month of April 2004, the main emphasis in May and June was to continue to collect additional supporting information (groundwater elevations), data validation activities, and begin the compilation and reduction of investigation information.

Groundwater flow information generated to date suggests that the groundwater in the vicinity of the Hamilton Sundstrand facility and the immediately surrounding properties flows in a west, southwesterly fashion. Also, based on the elevations between the shallow (water table), intermediate depth (80 to 100 feet below surface grade), and deep (120 to 140 feet below surface grade), there does not appear to be any confining layers or significant differences in flow direction at these depths.

FUTURE PROJECT ISSUES/STATUS: *(activities, meetings, deliverables, etc.)*

Future project activities for July 2004 will include the continued development of groundwater flow information. Also, with the completion of data validation efforts, further preparation of the Data Evaluation Summary Report and the Pilot Test Report will continue.

The raw analytical laboratory results from the April 2004 groundwater sampling have been subjected to preliminary evaluation with respect to concentrations of compounds of concern. The data indicates elevated concentrations of various compounds in newly installed monitoring wells SMW-6 and SMW-7 located south of the Hamilton Sundstrand facility on the southern adjoining properties (DRB Buildings and Rockford Products). Based on these results, and the fact that only one sample has been collected from these wells, it is proposed

MONTHLY PROGRESS REPORT/MEMORANDUM

Area 9/10 Remedial Design

Southeast Rockford Groundwater Contamination Superfund Site

Rockford, Illinois

July 2, 2004

Page 2

that these two wells be re-sampled to provide stronger verification of the existence and concentrations of the compounds present.

It is also being proposed that some additional sampling will be undertaken with regard to the composition of the light non-aqueous phase liquid (LNAPL). At this time, it has been presumed that the LNAPL has been the result of historic releases of jet fuel from former underground storage tanks that were located in the South Alley. Although there is no evidence to the contrary, some confirmatory characterization of the LNAPL is being considered along with collection of water samples from below the LNAPL.

Also, the area of LNAPL identified to exist in wells RW-1, RW-2 and RW-3, located in the South Alley of the Hamilton Sundstrand facility, appears to be limited in that LNAPL was not detected in the newly installed monitoring wells located off-site to the south and west of the LNAPL.

Pilot testing activities have been completed and the analytical data collected during these tests are under-going data validation. The compiled information from the pilot tests, along with select information from the PDI, is being used in the preparation of the Pilot Test Report. It is anticipated that the Pilot Test Report will be submitted to the USEPA at the end of August 2004.

In the spirit of cooperation, Hamilton Sundstrand has been working with the IEPA in an attempt to coordinate and share information that has been generated during the PDI and pilot test activities. Hamilton Sundstrand has been working with Mr. Thomas Williams, IEPA Project Manager, to set up a meeting with Hamilton Sundstrand in order to transfer some of the preliminary data. The purpose of this data transfer is to assist the IEPA in scoping their potential efforts within Area 9/10. The information under consideration for transfer at this time consists of soil boring and monitoring well construction logs, site map(s), tabularized soil and groundwater laboratory analytical results, and groundwater elevation (flow direction and gradient) information. These materials would be presented as "draft" articles at this time. An initial meeting date for June did not coincide with all parties schedules and the meeting date was postponed. The information transfer will likely take place some time in the latter portion of July.

SAMPLE/TEST DATA SUBMITTALS:

No submittals are included with this memorandum.

RD SCHEDULE UPDATE: *(attach updated schedule as necessary)*

A revised RD activity schedule is being prepared which will contain the steps and milestones associated with the completion of the RD activities for Area 9/10 as they are currently understood in accordance with the Administrative Order on Consent. Based on the preliminary review of some of the groundwater information and discussion on additional sample collection, the proposed updated schedule will be submitted to the USEPA during

MONTHLY PROGRESS REPORT/MEMORANDUM
Area 9/10 Remedial Design
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, Illinois
July 2, 2004
Page 3

the month of July 2004 to incorporate these changes. As stated previously, the Pilot Test Report has been scheduled to be submitted to USEPA at the end of August 2004.

Hamilton Sundstrand will continue to work with the USEPA on keeping the RD efforts for Area 9/10 moving forward in a timely and reasonable fashion.

REALIZED/ANTICIPATED PROBLEM CONDITIONS:

None.

PERSONNEL CHANGES:

None.